

# LAND RECLAMATION COMMISSION

STATE OF MISSOURI  
P.O. BOX 176  
JEFFERSON CITY, MISSOURI 65102  
573-751-4041

## Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO  
SOUTHEAST MISSOURI STONE COMPANY, INC.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of  
limestone in the state of Missouri. The extent of the

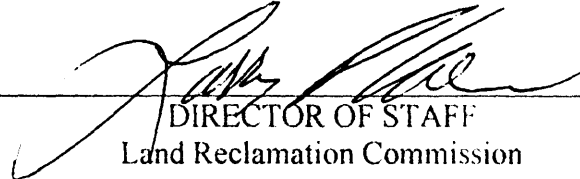
Proposed mining operation(s) will be on 66 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: **Renewal**

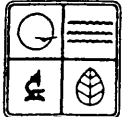
County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Cape Girardeau	24	30N	13E	66	0	66	Site #1	0279

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 20th day of April 2004

  
DIRECTOR OF STAFF  
Land Reclamation Commission

Permit No. 0192  
Effective Date 04/20/2004  
Expiration Date 04/15/2005



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION

PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

RECEIVED

APR 16 2004

MISSOURI LAND RECLAMATION COMMISSION P.O. BOX 176  
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL Southeast Missouri Stone Company		DATE 4/9/2004	
ADDRESS 1204 S Kingshighway P O Box 838	CITY Cape Girardeau	STATE MO	ZIP CODE 63702
CONTACT PERSON Winthol Frailey, Quarry Manager		TELEPHONE NUMBER 5733346032	

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1. 1	Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec.	\$ 300.00
2.	Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec.	\$
3.	Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec.	\$
4.	Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec.	\$
5.	Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec.	\$
6.	Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec.	\$
7.	Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec.	\$
8.	Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec.	\$
9.	Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec.	\$
10.	Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec.	\$
TOTAL SITE FEE		\$ 300.00

2. Acreage Fee \$5 X 66 number of acres bonded \$ 330.00

3. Annual Permit Fee \$ 500

4. Total Fee (Add totals from 1, 2 and 3) \$1,130.00

NOTE: If Total Fee exceeds \$2,500.00 then pay only \$ 2,500

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee \$ 300

SIGNATURE OF APPLICANT <i>Winthol Frailey</i>	TITLE Quarry Manager	DATE 4/9/2004
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Appeared before me this 9th day of April, 2004, Winthol Frailey  
to me personally known, who executed the above as their free acts and deeds.

NOTARY PUBLIC EMBOSSEER SEAL	STATE OF Missouri	COUNTY (OR CITY OF ST. LOUIS) Cape Girardeau
	SUBSCRIBED AND SWORN BEFORE ME, THIS 9th DAY OF April YEAR 2004	
	NOTARY PUBLIC SIGNATURE <i>Sharon A. Johnson</i>	MY COMMISSION EXPIRES 2/22/08
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Sharon A. Johnson	

USE RUBBER STAMP IN CLEAR AREA BELOW.

**SHARON A. JOHNSON**  
Notary Public - Notary Seal  
STATE OF MISSOURI  
CAPE GIRARDEAU COUNTY  
MY COMMISSION EXP. FEB. 22, 2008

FOR DEPARTMENT USE ONLY: APPROVED BY <i>[Signature]</i>	DATE APPROVED 4-19-04	PERMIT NUMBER 0192	EXPIRATION DATE 4-15-05
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MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
**SITE INFORMATION FORM**

RECEIVED

SEP 13 2000

To be completed for each separate area of disturbance associated with mining operations.			MISSOURI LAND RECLAMATION COMMISSION
SITE NAME OR NUMBER Southeast Missouri Stone Co., Inc. Pit		PERMIT NUMBER #0192	
COMPANY NAME Southeast Missouri Stone Company			
COUNTY Cape Girardeau	1/4 SECTION NW	SECTION 24	
TOWNSHIP 30N	RANGE 13E	ACRES 13	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) N/A			
MINERAL COMMODITY Limestone		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) N/A	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Southeast Missouri Stone Company, Inc.		
ADDRESS P.O. Box 838		
CITY Cape Girardeau	STATE Missouri	ZIP CODE 63702-0838
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT   
		<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Same as Above		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT   
		<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT

**NOTE:** Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
**MINE PLAN**

RECEIVED  
SEP 13 2000

MISSOURI LAND  
RECLAMATION COMMISSION

P.O. BOX 176  
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE: 2025

COMPANY NAME Southeast Missouri Stone Company, Inc

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY. 13 Acre Site which is steeply sloped and has been utilized as a mine spoil area to store rock and dirt. Vegetation consists of multiple variety of grasses, weeds, trees and bushes. The spoil sits on top of a virgin area which is unmined. The area under the spoil area contains many tons of quality limestone.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

6-12 INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

The soil will be removed with an excavator and loaded onto haul trucks for transport to a mined out area of the existing pit.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

Soil which is needed for reclamation will be stockpiled and seeded to control erosion until such time as it may be needed for reclamation.

SEP 13 2000

**RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.**

MISSOURI LAND  
RECLAMATION COMMISSION

**A. REVEGETATION (Attach additional sheets, if needed)**

REVEGETATION MIX #1	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME
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**DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING**

None The entire 13 acres will become part of the water impoundment upon completion of mining.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

REVEGETATION MIX #2	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME
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**DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING**

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.


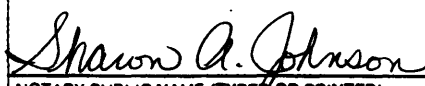

# RECEIVED

SEP 13 2000

By my signature, I attest to the following:

MISSOURI LAND  
RECLAMATION COMMISSION

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT 		TITLE Safety Coordinator	DATE September 8, 2000
NOTARY PUBLIC EMBOSSEER SEAL	STATE Missouri	COUNTY (OR CITY OF ST. LOUIS) Cape Girardeau	
SUBSCRIBED AND SWORN BEFORE ME, THIS 8th DAY OF September 19 2000		USE RUBBER STAMP IN CLEAR AREA BELOW	
NOTARY PUBLIC SIGNATURE 		MY COMMISSION EXPIRES Feb. 22, 2004	<div style="border: 1px solid black; padding: 5px;"> <b>SHARON A. JOHNSON</b>            Notary Public - Notary Seal            STATE OF MISSOURI            CAPE GIRARDEAU COUNTY            MY COMMISSION EXP. FEB. 22, 2004         </div>
NOTARY PUBLIC NAME (TYPED OR PRINTED) Sharon A. Johnson			
APPROVED BY (DIRECTOR'S REPRESENTATIVE) 		DATE APPROVED 9-29-00	PERMIT NUMBER 0192-A1



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
**SITE INFORMATION FORM**

RECEIVED  
JAN 1 1996

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER Southeast Missouri Stone Co., Inc. Pit		PERMIT NUMBER 192	
COMPANY NAME Southeast Missouri Stone Co., Inc.			
COUNTY Cape Girardeau	1/4 SECTION Survey #2919, NW 1/4	SECTION 24	
TOWNSHIP 30N	RANGE 13E	ACRES 53	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) N/A			
MINERAL COMMODITY Limestone		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) N/A	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Southeast Missouri Stone Co., Inc.		
ADDRESS P.O. Box 838		
CITY Cape Girardeau	STATE MO	ZIP CODE 63702-0838
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Same as Above.		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

**NOTE:** Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
**MINE PLAN**

RECEIVED  
MAR 14 1993  
MISSOURI LAND  
RECLAMATION COMMISSION

P.O. BOX 176  
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

- ☐ SHORT TERM, FOR ONE PERMIT YEAR  
☒ LONG TERM, FOR PERIOD THROUGH DATE: 12/31/2016

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

Most of mine area lies in slopes with few trees, exposed rock, and very little top soil.

**OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.**

**A. TOPSOIL**

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

6 INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

The six inches of topsoil and an additional twelve inches of subsoil is removed with a dozer for topsoil replacement.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

The dozer will push soil into a storage pile where it will be seeded to prevent erosion.



**B. SPOIL**

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

All overburden, plus old spoilpiles will be dumped into the old pit for future stockpile area.

**C. ACID MATERIALS**

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

NONE

**PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)**

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

SEE MAP

YES NO

- |                          |                                     |   |
|--------------------------|-------------------------------------|---|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?  |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will any excavation start at or within fifty feet (50') of any property line? (NOTE: If the answer is "yes", a safety barrier may be needed.)   |

**RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.****A. REVEGETATION** (Attach additional sheets, if needed)

REVEGETATION MIX #1

PURPOSE OR LAND USE

Development - Temp Cover

B. SEEDING OR PLANTING TIME

Fall / Spring

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

A seed mix will be broadcast over Soil to prevent erosion.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Red Clover	5-7 Lbs.		
Fescue	20-30 Lbs.		

REVEGETATION MIX #2

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

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APR 29 1996  
M. E. C.

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

**B. GRADING****DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES**

Overburden plus old spoilpiles will be dumped into old part of pit for future stockpile site.

**RECEIVED**  
**APR 29 1996**  
**M. E. C**

**C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES****GRADING**

Grading will be done as spoilpiles are dumped into old part of pit. Final grading will be done within 1 year as sections become inactive.

**REPLACEMENT OF TOPSOIL**

Industrial stockpile site.

**REVEGETATION**

Industrial stockpile site. Seed and mulch will be done. Final grade will be planted within 1 year of completion.

**AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)**

12

**D. USE OF LAND WHEN RECLAIMED**

Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES:
Wildlife (forest or other habitat with livestock excluded)	
Agricultural (pasture, cropland, and horticultural)	
Development (residential, industrial, and recreational)	28
Water impoundments (for wildlife, agricultural, or development)	25

RECEIVED  
MAR 4 1996

MISSOURI LAND  
RECLAMATION COMMISSION

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT

TITLE

DATE

Manager

2/19/96

NOTARY PUBLIC EMBOSSED SEAL

STATE

Missouri

COUNTY (OR CITY OF ST. LOUIS)

Cape Girardeau

SUBSCRIBED AND SWORN BEFORE ME, THIS

19th DAY OF February 19 96

USE RUBBER STAMP IN CLEAR AREA BELOW

NOTARY PUBLIC SIGNATURE

MY COMMISSION  
EXPIRES

7/21/97

NOTARY PUBLIC NAME (TYPED OR PRINTED)

Kathy A. Holmes

KATHY A HOLMES  
NOTARY PUBLIC STATE OF MISSOURI  
CAPE GIRARDEAU COUNTY  
MY COMMISSION EXP JULY 21, 1997

APPROVED BY (DIRECTOR'S REPRESENTATIVE)

MEC, P.C.

DATE APPROVED

5-2-96

PERMIT NUMBER

192

Name of Permit Holder: Southeast Missouri Stone Co.

Permit Number: 0192

Permit Year: 2002

Site Name/Number: Site #1










TOPOGRAPHIC SURVEY  
2' CONTOUR INTERVAL  
SOUTHEAST MISSOURI STONE COMPANY  
CAPE GIRARDEAU, MISSOURI

SURVEY # 2914 Cape Girardeau County  
**SOUTHEAST MISSOURI  
STONE COMPANY**  
SECTION 24 TOWNSHIP 30N RANGE 13E  
114 SILVER SPRINGS ROAD CAPE GIRARDEAU, MISSOURI 63701  
TELEPHONE 314/335-5544 \* FAX NO. 314/334-9576 \* P.O. BOX 880

Project No.	No.	Revision	Date	By
Design	101			
Drawn By:	JJ	Permit Area (5.2 acres)		
Checked By:	EK	Previously Permitted (17 acres)		
Date:	5/27/94	Development (Industrial) (21 acres)		
Scale:	1" = 100'	Water Impoundments (30 acres)		



**BLUE RIDGE ENGINEERING, INC.**  
3658 North Peachtree Road, Atlanta, Georgia 30341  
(404) 251-1111 FAX (404) 251-1112